

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	8589351
<b>Application Number:</b>	10825021
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7500
<b>Title of Invention:</b>	System and method for topology-aware job scheduling and backfilling in an HPC environment
<b>First Named Inventor/Applicant Name:</b>	Shannon V. Davidson
<b>Customer Number:</b>	45507
<b>Filer:</b>	David Gerald Wille/Sue LeRoy
<b>Filer Authorized By:</b>	David Gerald Wille
<b>Attorney Docket Number:</b>	064747.1017
<b>Receipt Date:</b>	08-OCT-2010
<b>Filing Date:</b>	15-APR-2004
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	277
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		ray1017ids1449.PDF	108774 53e8f70ba3db8a46c50846732c593ac4f8b a9db	yes	3
<b>Multipart Description/PDF files in .zip description</b>					
	<b>Document Description</b>		<b>Start</b>		<b>End</b>
	Transmittal Letter		1		2
	Information Disclosure Statement (IDS) Filed (SB/08)		3		3
<b>Warnings:</b>					
<b>Information:</b>					
2	Foreign Reference	ray1015JP10116261.PDF	886649 656302a6dc440803bde732c32e3ff01c3b 7c7c	no	10
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	ray1014OA080910.pdf	801157 95cf1066f9ea4231c734999ba08f726dca 9c8b	no	21
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	NPLMalaysiaOA.PDF	93165 b53c990004476595086c3162eda1bf0b7 58b66	no	2
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	ray1015trans(OA)JP2007508456. PDF	278654 41931106e05c7709b6dc1cf5d131a7afcd5c d78	no	6
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	ray1012NoticeAllow092010. PDF	590517 57a51614994b382b9eb3ef6785081e673a 8a7db	no	10
<b>Warnings:</b>					
<b>Information:</b>					
7	Fee Worksheet (PTO-875)	fee-info.pdf	30286 2c3865f092877abcc139a4d86740117268 5742f	no	2

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.